z/VSE Installation

This section describes the preparation for and installation of Adabas Fastpath on z/VSE systems.

- The Installation Tape

- Installation Checklist for z/VSE

- Systems Programming Considerations

- Installation Procedure

The Installation Tape

The installation tape contains the data sets listed in the table below. The sequence of the datasets is shown in the *Report of Tape Creation* that accompanies the installation tape.

Data Set	Contents
AFP*vrs*.INPL	SYSAFP objects
AFP*vrs*.LIBR	AFP installation objects
AFP*vrs*.ERRN	SYSAFP error messages

where *vrs* is the data set names represents the version, revision, and system maintenance level of the product.

Installation Checklist for z/VSE

The Adabas System Coordinator must be installed prior to the installation of Adabas Fastpath. See the *Adabas System Coordinator* documentation for detailed information.

Once the required System Coordinator components have been installed, you can proceed to install Adabas Fastpath. The following checklist identifies the steps necessary to complete the installation:

Step	Description
1	Restore the Fastpath libraries from the installation tape
2	Prepare SYSAFP
3	Enable the client process
4	Enable the Adabas server process
5	Prepare the asynchronous buffer manager
6	Verify the installation

Systems Programming Considerations

Buffer storage is allocated from the 31-bit extended SVA GETVIS area, if enough is available. To avoid impacting the 24-bit SVA area, ensure that your configuration accommodates the desired buffer size.

The CICS GETVIS parameter should be large enough to accommodate the Adabas Fastpath nucleus modules when loaded. If in doubt, increase GETVIS by 200K.

Installation Procedure

Following is the general Adabas Fastpath installation procedure. The actual installation depends on your particular requirements and the specific contents of the release package provided by Software AG for your site. Information in the release package is particularly intended for your system. If that information differs from the information in this section, use the release package information or contact your Software AG technical support representative for assistance.

Step 1. Restore the Fastpath libraries

Use the following sample JCS to restore the Adabas Fastpath library. Modify the following variables to reflect the standards at your site:

Variable	Is the ...
cuu	tape unit number
vrs	version, revision, and system maintenance level
tttttt	volume serial number of the installation tape
xx	file spacing information; see the *Report of Tape Creation*

```
* $$ JOB JNM=LIBREST,CLASS=O,DISP=D
* $$ LST CLASS=A,DISP=H
// JOB LIBREST
// ASSGN SYS006,cuu,VOL=tttttt
// ASSGN SYS005,IGN
// MTC REW,SYS006
// MTC FSF,SYS006,xx
// EXEC LIBR
  RESTORE S=SAGLIB.AFPvrs:SAGLIB.AFPvrs              -
       TAPE=SYS006 TL=tttttt LIST=Y
/*
// MTC REW,SYS006
/&
* $$ EOJ
```

Step 2. Prepare SYSAFP

The Adabas Fastpath Online Services (SYSAFP) objects are delivered on the Adabas Fastpath installation tape.

▶ **To prepare SYSAFP:**

1. Use your everyday Natural INPL job to load the administration tool (Natural application SYSAFP) and associated message texts into your Natural system. For reference a sample Natural INPL job called CORI061 can be found with the sibling System Coordinator product in the *jobs* distribution file. The INPL job's work file 1 must reference the distribution file AFP*vrs*.INPL and work file 2 must reference AFP*vrs*.ERRN.

   Note:
   If you use Natural Security in this system, define the libraries SYSAFP and SYSMW*vrs* (where *vrs* is the level you are installing, for example 821) and protect as you require. You may define MENU as the startup transaction for SYSAFP. However, you **must not** define a startup transaction for SYSMW*vrs*.

2. Use the following parameter to define the Natural session where SYSAFP is to be used:

   ```
   LFILE=(152,dbid,fnr<,passw><,ciph>)
   ```

   where *dbid* and *fnr* define the location of the Adabas System Coordinator configuration file.

   Alternatively, assemble the Natural parameter module with

   ```
   NTFILE,ID=152,DBID=dbid,FNR=fnr
   ```

For more information, refer to the *Adabas System Coordinator* documentation.

Step 3. Enable the client process

To enable the Adabas Fastpath client process

1. for the Adabas System Coordinator:

   - make the modified Adabas link module available;

   - make the generated configuration module CORCFG available; and

   - make the Adabas System Coordinator load library available.

2. for Adabas Fastpath:

   - make the Adabas Fastpath load library available (COMPLIB for Com-plete, STEPLIB for all other client systems).

Step 4. Enable the database process

To enable the Adabas Fastpath database process

1. for the Adabas System Coordinator:

   - make the Adabas System Coordinator load library available.

2. for Adabas Fastpath:

   - set the Adabas parameter `ADARUN FASTPATH=YES`; and

- make the Adabas Fastpath load library available.

Note:
An unmodified ADALNK must be available to the database in preference to the ADALNK created during the installation of the System Coordinator.

Step 5. Prepare the asynchronous buffer manager

The asynchronous buffer manager (ABM) runs as an optional service within the Adabas System Coordinator daemon.

To enable the ABM for the System Coordinator daemon:

- make the generated configuration module CORCFG available;

- set the daemon service startup parameter PRODUCT=AFP; and

- make the Adabas Fastpath load library available.

For more information, refer to the *Adabas System Coordinator* documentation.

Step 6. Verify the installation

Use the procedure described in section *Verifying the Installation* to ensure that the installation has been successful.